

EDI Inbound 85a File Structure

EDI Transactions: This file layout is used for 830, 850, 860, and 862 transactions.

EDI Filename: \\global\files\EA850ccc, where 'ccc' is the Global Shop company code
 The Advanced EDI option 'Allow User To Enter the Incoming EDI Filename' can be turned on to select any file from their EDI translator.

EDI File Format: Fixed-width text file

Basic Structure:

<u>Record Type</u>	<u>Description</u>
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Header:

H	Main Header Data (required)
A	PO Main Data (optional)
B	PO Bill To Data (optional)
C	PO Ship To Data (optional)
N	PO Notes/Comments (optional, create only if in use)

Detail: (max of 999 occurrences per Header)

1	PO Line Data (required)
2	PO Line Data continued (optional, create only if in use)
N	PO Notes/Comments (optional, create only if in use)

Ship Schedule Detail (Create only when using ship schedule within a sales order):

M	PO Line Ship Schedule Data (Optional, Create only if in use)
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Notes:

Starting position is in brackets at the end of each line [###]

Mandatory fields are red.

Numeric fields are defined with implied decimals.

Example: (06)V(02) defines a field with 6 characters to the left of the decimal and 2 characters to the right of the decimal, total length of 8 because the decimal is implied.

EDIEA850-HEADER-H.

850-H-BUYER-ID	ALPHANUMERIC LENGTH (35)	[1]
Trading Partner ID (Name from EDI Translator); Use to determine Global Shop Customer ID		
850-H-PO-NUMBER	ALPHANUMERIC LENGTH (15)	[36]
850-H-LINE-NBR	NUMERIC LENGTH (3)	[51]
000 for Header Record		
850-H-CHANGE-ORDER-YN1	ALPHANUMERIC LENGTH (1)	[54]
' ' ----- New Order		
Y----- Change Orders		
850-H-PO-DATE-CCYYMMDD	NUMERIC LENGTH (8)	[55]
850-H-SHIP-DATE-CCYYMMDD	NUMERIC LENGTH (8)	[63]
850-H-SHIP-TO-CODE	ALPHANUMERIC LENGTH (17)	[71]
850-H-TERMS-DISCNT-DUE-DATE	NUMERIC LENGTH (8)	[88]
850-H-CHANGE-BY-DATE-YN	ALPHANUMERIC LENGTH (1)	[96]
' ' ----- Do not match Due Date for Change Orders		
Y----- Match Due Date for Change Orders		
850-H-RELEASE-NUM	ALPHANUMERIC LENGTH (25)	[97]
850-H-RELEASE-START-DT	NUMERIC LENGTH (8)	[122]
850-H-RELEASE-END-DT	NUMERIC LENGTH (8)	[130]
850-H-HOLD-TYPE	ALPHANUMERIC LENGTH (1)	[138]
850-H-CHANGE-TYPE	ALPHANUMERIC LENGTH (1)	[139]
' ' ----- Normal Processing		
C----- Cancel Existing Order (zero out qty ordered)		
850-H-TRANSACTION	ALPHANUMERIC LENGTH (3)	[140]
Blank - Normal processing		
830 --- Complete Regeneration Processing		
850-H-TRADING-PARTNER-CD	ALPHANUMERIC LENGTH (3)	[143]
To replace company code on EDI file for complete regen processing only		
850-H-PRICE-FROM-QUOTE	ALPHANUMERIC LENGTH (1)	[146]
Y----- Basic request to pull price from quotes		
M ----- Send error when order qty < quote min qty		
850-H-ACCUM-RCPT	NUMERIC LENGTH (10)	[147]
For use when calculating open qtys based on accums at the header level		
850-H-LAST-RECD-QTY	NUMERIC LENGTH (10)	[157]
850-H-LAST-RECD-DATE	NUMERIC LENGTH (8)	[167]
CCYYMMDD		
850-H-855-FLAG-YN	ALPHANUMERIC LENGTH (1)	[175]
Y----- Create 855 file for this transaction		
N ----- Do not create 855 file for this transaction		
Blank - Do not create 855 file for this transaction		
850-H-FILLER	ALPHANUMERIC LENGTH (335)	[176]
850-H-RECORD-TYPE	ALPHANUMERIC LENGTH (1)	[511]
H		
850-H-CONVERSION-FLAG	ALPHANUMERIC LENGTH (1)	[512]
Populated internally; do not use		

EDIEA850-HEADER-A. (optional record type)

850-A-BUYER-ID	ALPHANUMERIC LENGTH (35)	[1]
850-A-PO-NUMBER	ALPHANUMERIC LENGTH (15)	[36]
850-A-LINE-NBR	NUMERIC LENGTH (3)	[51]
000 for Header Record		
850-A-CHANGE-ORDER	ALPHANUMERIC LENGTH (1)	[54]
850-A-CONTRACT-NUM	NUMERIC LENGTH (6)	[55]
850-A-USER1	ALPHANUMERIC LENGTH (30)	[61]
850-A-USER2	ALPHANUMERIC LENGTH (30)	[91]
850-A-USER3	ALPHANUMERIC LENGTH (30)	[121]
850-A-USER4	ALPHANUMERIC LENGTH (30)	[151]
850-A-USER5	ALPHANUMERIC LENGTH (30)	[181]
850-A-ORDER-SORT1	ALPHANUMERIC LENGTH (20)	[211]
850-A-ORDER-SORT2	ALPHANUMERIC LENGTH (30)	[231]
850-A-ORDER-CURRENCY	ALPHANUMERIC LENGTH (3)	[261]
850-A-BILL-CONTACT-EMAIL	ALPHANUMERIC LENGTH (100)	[264]
850-A-VIA	ALPHANUMERIC LENGTH (20)	[364]
850-A-MARK-SHIPMENT	ALPHANUMERIC LENGTH (30)	[384]
850-A-FOB-INFO	ALPHANUMERIC LENGTH (14)	[414]
850-A-BILL	ALPHANUMERIC LENGTH (19)	[428]
850-A-CARRIER-CODE	ALPHANUMERIC LENGTH (6)	[447]
850-A-SALESMAN-CODE	ALPHANUMERIC LENGTH (3)	[453]
850-A-GL-ACCOUNT	ALPHANUMERIC LENGTH (15)	[456]
850-A-LOCN	ALPHANUMERIC LENGTH (2)	[471]
850-A-FILLER	ALPHANUMERIC LENGTH (38)	[473]
850-A-RECORD-TYPE	ALPHANUMERIC LENGTH (1)	[511]
A		
850-A-CONVERSION-FLAG	ALPHANUMERIC LENGTH (1)	[512]
Populated internally; do not use		

EDIEA850-HEADER-B. (optional record type)

850-B-BUYER-ID	ALPHANUMERIC LENGTH (35)	[1]
850-B-PO-NUMBER	ALPHANUMERIC LENGTH (15)	[36]
850-B-LINE-NBR	NUMERIC LENGTH (3)	[51]
000 for Header Record		
850-B-CHANGE-ORDER	ALPHANUMERIC LENGTH (1)	[54]
850-B-BILL-TO-NAME	ALPHANUMERIC LENGTH (40)	[55]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-ADDRESS-1	ALPHANUMERIC LENGTH (40)	[95]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-ADDRESS-2	ALPHANUMERIC LENGTH (40)	[135]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-ADDRESS-3	ALPHANUMERIC LENGTH (40)	[175]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-ADDRESS-4	ALPHANUMERIC LENGTH (40)	[215]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-ADDRESS-5	ALPHANUMERIC LENGTH (40)	[255]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-CITY	ALPHANUMERIC LENGTH (25)	[295]
Only 15 characters visible on Global Shop screens		

850-B-BILL-TO-STATE	ALPHANUMERIC LENGTH (2)	[320]
850-B-BILL-TO-ZIP	ALPHANUMERIC LENGTH (13)	[322]
Only 10 characters visible on Global Shop screens		
850-B-BILL-TO-COUNTRY	ALPHANUMERIC LENGTH (25)	[335]
Only 12 characters visible on Global Shop screens		
850-B-BILL-TO-ATTN	ALPHANUMERIC LENGTH (40)	[360]
Only 30 characters visible on Global Shop screens		
850-B-BILL-TO-CONTACT	ALPHANUMERIC LENGTH (30)	[400]
850-B-BILL-TO-PHONE	ALPHANUMERIC LENGTH (20)	[430]
850-B-BILL-TO-INTL-ADRS-YN	ALPHANUMERIC LENGTH (1)	[450]
850-B-FILLER	ALPHANUMERIC LENGTH (60)	[451]
850-B-RECORD-TYPE	ALPHANUMERIC LENGTH (1)	[511]
B		
850-B-CONVERSION-FLAG	ALPHANUMERIC LENGTH (1)	[512]
Populated internally; do not use		

EDIEA850-HEADER-C. (optional record type)

850-C-BUYER-ID	ALPHANUMERIC LENGTH (35)	[1]
850-C-PO-NUMBER	ALPHANUMERIC LENGTH (15)	[36]
850-C-LINE-NBR	NUMERIC LENGTH (3)	[51]
000 for Header Record		
850-C-CHANGE-ORDER	ALPHANUMERIC LENGTH (1)	[54]
850-C-SHIP-TO-NAME	ALPHANUMERIC LENGTH (40)	[55]
Only 30 characters visible on Global Shop screens		
850-C-SHIP-TO-ADRS1	ALPHANUMERIC LENGTH (40)	[95]
Only 30 characters visible on Global Shop screens		
850-C-SHIP-TO-ADRS2	ALPHANUMERIC LENGTH (40)	[135]
Only 30 characters visible on Global Shop screens		
850-C-SHIP-TO-ADRS3	ALPHANUMERIC LENGTH (40)	[175]
Only 30 characters visible on Global Shop screens		
850-C-SHIP-TO-ADRS4	ALPHANUMERIC LENGTH (40)	[215]
Only 30 characters visible on Global Shop screens		
850-C-SHIP-TO-ADRS5	ALPHANUMERIC LENGTH (40)	[255]
Only 30 characters visible on Global Shop screens		
850-C-SHIP-TO-CITY	ALPHANUMERIC LENGTH (25)	[295]
Only 15 characters visible on Global Shop screens		
850-C-SHIP-TO-STATE	ALPHANUMERIC LENGTH (2)	[320]
850-C-SHIP-TO-ZIP	ALPHANUMERIC LENGTH (13)	[322]
Only 10 characters visible on Global Shop screens		
850-C-SHIP-TO-COUNTRY	ALPHANUMERIC LENGTH (25)	[335]
Only 12 characters visible on Global Shop screens		
850-C-SHIP-TO-ATTN	ALPHANUMERIC LENGTH (40)	[360]
Only 30 characters visible on Global Shop screen		
850-C-SHIP-TO-INTL-ADRS-YN	ALPHANUMERIC LENGTH (1)	[400]
850-C-FILLER	ALPHANUMERIC LENGTH (110)	[401]
850-C-RECORD-TYPE	ALPHANUMERIC LENGTH (1)	[511]
C		
850-C-CONVERSION-FLAG	ALPHANUMERIC LENGTH (1)	[512]
Populated internally; do not use		

EDIEA850-LINES-1.

850-L-BUYER-ID	ALPHANUMERIC LENGTH (35)	[1]
850-L-PO-NUMBER	ALPHANUMERIC LENGTH (15)	[36]
850-L-LINE-NBR	NUMERIC LENGTH (3)	[51]
001 to 999 for line records, increments of 1		
850-L-CHANGE-ORDER	ALPHANUMERIC LENGTH (1)	[54]
850-L-BUYER-PART-NUM	ALPHANUMERIC LENGTH (20)	[55]
Use to determine Global Shop Part		
850-L-BUYER-PART-LOC	ALPHANUMERIC LENGTH (2)	[75]
Used internally for Consignment only		
850-L-ORDER-QUANTITY	NUMERIC LENGTH (8)V(4)	[77]
850-L-UOM	ALPHANUMERIC LENGTH (2)	[89]
850-L-PRICE	NUMERIC LENGTH (8)V(5)	[91]
850-L-PART-DESCRIPTION	ALPHANUMERIC LENGTH (30)	[104]
850-L-BULK-NUM	ALPHANUMERIC LENGTH (30)	[134]
850-L-BIN-NUM	ALPHANUMERIC LENGTH (30)	[164]
850-L-ACCUM-RECPT	NUMERIC LENGTH (8)	[194]
No decimals; for decimals, use 850-L2-ACCUM-RECPT		
850-L-IN-TRANSIT	NUMERIC LENGTH (8)	[202]
No decimals; for decimals, use 850-L2-IN-TRANSIT		

850-L-LAST-RECPT-QTY-----	NUMERIC LENGTH (8) -----	[210]
No decimals; for decimals, use 850-L2-LAST-RECPT-QTY		
850-L-LAST-RECPT-DATE-----	NUMERIC LENGTH (8) -----	[218]
CCYYMMDD		
850-L-PO-LINE-NUM-----	NUMERIC LENGTH (3) -----	[226]
This writes to line user field 5 and is a default match criteria		
850-L-WRITE-INVENTORY-----	ALPHANUMERIC LENGTH (1) -----	[229]
Y----- Write missing components to inventory		
850-L-PRICE-CHECK-DEC-----	ALPHANUMERIC LENGTH (1) -----	[230]
blank - Do not perform price checking		
2----- Round price check to 2 decimal places		
4----- Round price check to 4 decimal places		
5----- Round price check to 5 decimal places		
850-L-LONG-PART-NUM-----	ALPHANUMERIC LENGTH (35) -----	[231]
850-L-MULT-QTY-----	ALPHANUMERIC LENGTH (1) -----	[266]
blank - Normal Line Record (M records will not be read)		
Y----- This Line record has Ship Schedule records (Must have M records)		
850-L-MQD-DUE-DATE-----	NUMERIC LENGTH (8) -----	[267]
Not in use		
850-L-ORDER-TYPE-----	ALPHANUMERIC LENGTH (1) -----	[275]
F----- Firm		
P----- Planned		
I----- Intransit		
850-L-SHIP-TO-CODE-----	ALPHANUMERIC LENGTH (17) -----	[276]
850-L-OLD-SHIP-TO-CODE-----	ALPHANUMERIC LENGTH (17) -----	[293]
850-L-HOLD-TYPE-----	ALPHANUMERIC LENGTH (1) -----	[310]
850-L-INFO1-----	ALPHANUMERIC LENGTH (20) -----	[311]
850-L-INFO2-----	ALPHANUMERIC LENGTH (20) -----	[331]
850-L-CHANGE-TYPE-----	ALPHANUMERIC LENGTH (1) -----	[351]
blank - Normal Processing		
A----- Add New Line		
850-L-TRANSACTION-----	ALPHANUMERIC LENGTH (3) -----	[352]
850-L-USER1-----	ALPHANUMERIC LENGTH (30) -----	[355]
850-L-USER2-----	ALPHANUMERIC LENGTH (30) -----	[385]
850-L-USER3-----	ALPHANUMERIC LENGTH (30) -----	[415]
850-L-USER4-----	ALPHANUMERIC LENGTH (30) -----	[445]
850-L-ITEM-PROMISE-DATE-----	NUMERIC LENGTH (8) -----	[475]
CCYYMMDD		
850-LN-LINE-TYPE-----	ALPHANUMERIC LENGTH (1) -----	[483]
C----- CONSIGNMENT		
S----- STANDARD		
850-L-NEGATIVE-QTY-FLAG-----	ALPHANUMERIC LENGTH (1) -----	[484]
Set to 'Y' if the line record is an allowance and the extension price should be negative. This flag also tells EDI to use the 850-I-unit-price as the allowance amount and does not use pricing within GSS.		
850-L-TRIGGER-PART-FLAG-----	ALPHANUMERIC LENGTH (1) -----	[485]
Set to 'Y' if the line record is triggered part from a John Deere 862 transaction and requires additional validation.		
850-L-LAST-SHIPMENT-ID-----	ALPHANUMERIC LENGTH (25) -----	[486]

850-L-RECORD-TYPE-----ALPHANUMERIC LENGTH (1) -----[511]
 1

850-L-CONVERSION-FLAG-----ALPHANUMERIC LENGTH (1) -----[512]
 Populated internally; do not use

EDIEA850-LINES-2. (optional record type)

850-L2-BUYER-ID-----ALPHANUMERIC LENGTH (35) -----[1]

850-L2-PO-NUMBER-----ALPHANUMERIC LENGTH (15) -----[36]

850-L2-LINE-NBR-----NUMERIC LENGTH (3) -----[51]

Must match 850-L-LINE-NBR

850-L2-CHANGE-ORDER-----ALPHANUMERIC LENGTH (1) -----[54]

850-L2-WEIGHT-----SIGNED NUMERIC LENGTH (5)V(4)-----[55]

850-L2-ITEM-SORTKEY-----ALPHANUMERIC LENGTH (12) -----[64]

850-L2-GROUP-----ALPHANUMERIC LENGTH (10) -----[76]

850-L2-OVERRIDE-UNIT-PRICE-----ALPHANUMERIC LENGTH (1) -----[86]

Y----- if price needs to come from incoming file and not GSS

850-L2-ACCUM-RECPT-----SIGNED NUMERIC LENGTH (8)V(4)-----[87]

850-L2-IN-TRANSIT-----SIGNED NUMERIC LENGTH (8)V(4)-----[99]

850-L2-LAST-RECPT-QTY-----SIGNED NUMERIC LENGTH (8)V(4)-----[111]

850-L2-FILLER-----ALPHANUMERIC LENGTH (388)-----[123]

850-L2-RECORD-TYPE-----ALPHANUMERIC LENGTH (1) -----[511]

2

850-L2-CONVERSION-FLAG-----ALPHANUMERIC LENGTH (1) -----[512]

Populated internally; do not use

EDIEA850-MQD-LINES-M. (optional record type, used only when using ship schedules on sales orders)

850-M-BUYER-ID-----ALPHANUMERIC LENGTH (35) -----[1]

850-M-PO-NUMBER-----ALPHANUMERIC LENGTH (15) -----[36]

850-M-LINE-NBR-----NUMERIC LENGTH (3) -----[51]

Must match 850-L-LINE-NBR

850-M-CHANGE-ORDER-----ALPHANUMERIC LENGTH (1) -----[54]

850-M-ORDER-QTY-PREV-----NUMERIC LENGTH (8)V(4)-----[55]

850-M-ORDER-QUANTITY-----NUMERIC LENGTH (8)V(4)-----[67]

850-M-DUE-DATE-PREV-----NUMERIC LENGTH (8)-----[79]

850-M-DUE-DATE-----NUMERIC LENGTH (8)-----[87]

CCYYMMDD

850-M-ORDER-TYPE-----ALPHANUMERIC LENGTH (1) -----[95]

F----- Firm

P----- Planned

850-M-CHANGE-TYPE-----ALPHANUMERIC LENGTH (1) -----[96]

Q----- Change quantity

D----- Change date

850-M-INFO-----ALPHANUMERIC LENGTH (30) -----[97]

850-M-FILLER-----ALPHANUMERIC LENGTH (384)-----[127]

850-M-RECORD-TYPE-----ALPHANUMERIC LENGTH (1) -----[511]

M

850-M-CONVERSION-FLAG-----ALPHANUMERIC LENGTH (1) -----[512]

Populated internally; do not use

EDIEA850-NOTES. (optional record type)

850-N-BUYER-ID-----	ALPHANUMERIC LENGTH (35) -----	[1]
850-N-PO-NUMBER-----	ALPHANUMERIC LENGTH (15) -----	[36]
850-N-LINE-NBR-----	NUMERIC LENGTH (3) -----	[51]

000 for Header Record OR

Match 850-L-LINE-NBR for Line Records

850-N-CHANGE-ORDER-----	ALPHANUMERIC LENGTH (1) -----	[54]
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850-N-NOTE-BLOCK.

850-N-NOTE-1-----	ALPHANUMERIC LENGTH (30) -----	[55]
850-N-NOTE-2-----	ALPHANUMERIC LENGTH (30) -----	[85]
850-N-NOTE-3-----	ALPHANUMERIC LENGTH (30) -----	[115]
850-N-NOTE-4-----	ALPHANUMERIC LENGTH (30) -----	[145]
850-N-NOTE-5-----	ALPHANUMERIC LENGTH (30) -----	[175]
850-N-NOTE-6-----	ALPHANUMERIC LENGTH (30) -----	[205]
850-N-NOTE-7-----	ALPHANUMERIC LENGTH (30) -----	[235]
850-N-NOTE-8-----	ALPHANUMERIC LENGTH (30) -----	[265]
850-N-NOTE-9-----	ALPHANUMERIC LENGTH (30) -----	[295]
850-N-NOTE-10-----	ALPHANUMERIC LENGTH (30) -----	[325]
850-N-NOTE-11-----	ALPHANUMERIC LENGTH (30) -----	[355]
850-N-NOTE-12-----	ALPHANUMERIC LENGTH (30) -----	[385]
850-N-NOTE-13-----	ALPHANUMERIC LENGTH (30) -----	[415]
850-N-NOTE-14-----	ALPHANUMERIC LENGTH (30) -----	[445]
850-N-NOTE-15-----	ALPHANUMERIC LENGTH (30) -----	[475]

850-N-FILLER-----	ALPHANUMERIC LENGTH (6) -----	[505]
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850-N-RECORD-TYPE-----	ALPHANUMERIC LENGTH (1) -----	[511]
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N

850-N-CONVERSION-FLAG-----	ALPHANUMERIC LENGTH (1) -----	[512]
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Populated internally; do not use